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FORM PTO-1449
(REV. 7-80)

U.S. DEPARTMENT OF COMMERCE
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APPLICANT

MASACHIK ARAO

FILING DATE

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GROUP

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
AA		4 8 1 9 5 9 1	4-1-89	VALENTINE	123	90	
AB		4 0 2 3 5 4 3	5-17-77	ISHIKAWA	123	75	
AC		3 8 8 4 1 9 9	5-20-77	IRIMAJIRI	123	90	
AD		2 7 0 0 9 6 6	2-1-55	HOFER	123	90	
AE		2 8 8 4 9 1 3	5-5-59	HEINTZ	123	28	
AF		5 0 0 7 3 8 7	4-16-91	ARAO	123	90	
AG							
AH							
AI							
AJ							
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FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
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